USCMS Engineer Status Report for July 2004

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1 Work Performed This Month

Continued to manage production CMS-wide, including running production at CERN. Developed the first prototypes of PinDB (a database application for supporting the pinning of Castor files on disk) and PubDB (a database application for allowing discovery of published catalogues and datasets). Argued with lots of people who thought I was duplicating effort with PubDB, won the arguments. Spent lots of time trying to understand where Production fits in these days with respect to APROM, the Workload Management task, and the Data Management task, but it still isn't clear to me. Improved the catalogue-publication infrastructure at CERN. Continued to represent CMS at the GDB.

2 Status of Deliverables

"10 million events per month by the end of September". Status uncertain, depending on people coming back from holiday. Probably make it close enough.

3 Plans For Next Month

Develop PubDB further, push people to deploy it CMS-wide. Develop PinDB further into a friendly tool useable by PRS and CCS alike. Make headway on the RefDB schema rewrite, finish off the remaining 'PCP' datasets, automate catalogue-publication fully at CERN, go to less meetings, get a clearer

idea of where Production fits in to CCS structure these days, hand over the Operations to Luciano.

4 Longer Term Plans

none.

5 Links To Supporting Documentation

- http://cmsdoc.cern.ch/cms/production/www/html/general/index.html, the production and aprom lists.